

CLAIMS

1. A device for supporting a first component of a tipper vehicle on at least one second component of the tipper vehicle, the first component being a tipping hopper and the second component being a frame element, including at least one abutment plate, which is rigidly connected to one of the components and has an abutment surface for bearing against an opposing surface on the other component, the abutment surface of the abutment plate being constituted by a frictional material and the abutment surface having a coefficient of friction in the range of about 0.1-0.2.
2. The device as claimed in Claim 1, wherein the abutment plate engages around the frame element.
3. The device as claimed in Claim 1, wherein the abutment plate consists of the frictional material.
4. The device as claimed in Claim 3, wherein the frictional material is injection moulded onto the frame element.
5. The device as claimed in Claim 1, wherein the frictional material is moulded from a moulding composition which contains
  - 30 - 45 % bonding agent,
  - 35 - 55 % of at least one component from a group of components which comprises textile, mineral and glass fibres, textile, mineral and glass chips and mixtures of these components,

5 - 14 % processing adjuvants and  
0 - 8 % friction modifying agent.

5 6. The device as claimed in Claim 5, wherein the moulding composition contains

30 - 45 % bonding agent,  
5 - 10 % setting agent,  
30 - 40 % textile chips,  
5 - 15 % textile threads,  
10 0 - 8 % friction modifying agent and  
1 - 4 % black pigments.

15 7. The device as claimed in Claim 6, wherein the bonding agent comprises phenol novolak and the setting agent comprises hexamethylene tetramine.

8. The device as claimed in Claim 5, wherein the friction modifying agent comprises PTFE.

20 9. The device as claimed in Claim 1, wherein the frictional material contains

15 - 30 % bonding agent,  
10 - 30 % fibres,  
10 - 25 % fillers and  
20 - 60 % friction modifying means.

25 10. The device as claimed in Claim 9, wherein the friction modifying agent comprises PTFE.

11. The device as claimed in Claim 1, wherein a sintered material, which comprises at least one material from a group of materials which comprises iron, non-ferrous metals, carbon, phosphorous, sulphur, alloys thereof and compounds thereof, is used as the frictional material in an amount of at least 50 vol.% and further contains at least one lubricant.